

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
1301 W. Grand Ave., Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Department  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-144  
July 21, 2008

For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

**Pit, Closed-Loop System, Below-Grade Tank, or  
Proposed Alternative Method Permit or Closure Plan Application**

11447

- Type of action:
- Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method
  - Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method
  - Modification to an existing permit
  - Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method

**Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or alternative request**

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1  
Operator: Burlington Resources Oil & Gas Company, LP OGRID#: 14538  
Address: P.O. Box 4289, Farmington, NM 87499  
Facility or well name: SULLIVAN 1N  
API Number: 30-045-35177 OCD Permit Number: \_\_\_\_\_  
U/L or Qtr/Qtr: G(SW/NE) Section: 7 Township 30N Range: 10W County: San Juan  
Center of Proposed Design: Latitude: 36.828873 °N Longitude: 107.924458 °W NAD:  1927  1983  
Surface Owner:  Federal  State  Private  Tribal Trust or Indian Allotment

2  
 **Pit:** Subsection F or G of 19.15.17.11 NMAC  
Temporary:  Drilling  Workover  
 Permanent  Emergency  Cavitation  P&A  
 Lined  Unlined Liner type: Thickness 20 mil  LLDPE  HDPE  PVC  Other \_\_\_\_\_  
 String-Reinforced  
Liner Seams:  Welded  Factory  Other \_\_\_\_\_ Volume: 7700 bbl Dimension L 120' x W 55' x D 12'

**RCVD NOV 6 '13  
OIL CONS. DIV.  
DIST. 3**

3  
 **Closed-loop System:** Subsection H of 19.15.17.11 NMAC  
Type of Operation:  P&A  Drilling a new well  Workover or Drilling (Applies to activities which require prior approval of a permit or notice of intent)  
 Drying Pad  Above Ground Steel Tanks  Haul-off Bins  Other \_\_\_\_\_  
 Lined  Unlined Liner type: Thickness \_\_\_\_\_ mil  LLDPE  HDPE  PVD  Other \_\_\_\_\_  
Liner Seams:  Welded  Factory  Other \_\_\_\_\_

4  
 **Below-grade tank:** Subsection I of 19.15.17.11 NMAC  
Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Tank Construction material: \_\_\_\_\_  
 Secondary containment with leak detection  Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off  
 Visible sidewalls and liner  Visible sidewalls only  Other \_\_\_\_\_  
Liner Type: Thickness \_\_\_\_\_ mil  HDPE  PVC  Other \_\_\_\_\_

5  
 **Alternative Method:**  
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

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**Fencing:** Subsection D of 19.15.17.11 NMAC (*Applies to permanent pit, temporary pits, and below-grade tanks*)

Chain link, six feet in height, two strands of barbed wire at top (*Required if located within 1000 feet of a permanent residence, school, hospital, institution or church*)

Four foot height, four strands of barbed wire evenly spaced between one and four feet

Alternate. Please specify \_\_\_\_\_

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**Netting:** Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)

Screen  Netting  Other \_\_\_\_\_

Monthly inspections (*If netting or screening is not physically feasible*)

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**Signs:** Subsection C of 19.15.17.11 NMAC

12" X 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers

Signed in compliance with 19.15.3.103 NMAC

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**Administrative Approvals and Exceptions:**

Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.

*Please check a box if one or more of the following is requested, if not leave blank:*

Administrative approval(s): Requests must be submitted to the appropriate division district of the Santa Fe Environmental Bureau office for consideration of approval. (**Fencing/BGT Liner**)

Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

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**Siting Criteria (regarding permitting):** 19.15.17.10 NMAC

*Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau Office for consideration of approval. Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to drying pads or above grade-tanks associated with a closed-loop system.*

<b>Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank.</b> - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Within 300 feet of a continuously flowing watercourse, or 200 feet of any other watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).</b> - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</b> <i>(Applies to temporary, emergency, or cavitation pits and below-grade tanks)</i> - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
<b>Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.</b> <i>(Applied to permanent pits)</i> - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
<b>Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application.</b>  - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended</b> - Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Within 500 feet of a wetland.</b> - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Within the area overlying a subsurface mine.</b> - Written confirmation or verification or map from the NM EMNRD - Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Within an unstable area.</b> - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Within a 100-year floodplain</b> - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> No

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**Temporary Pits, Emergency Pits and Below-grade Tanks Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9
- Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

Previously Approved Design (attach copy of design) API \_\_\_\_\_ or Permit \_\_\_\_\_

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**Closed-loop Systems Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9
- Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC
- Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

Previously Approved Design (attach copy of design) API \_\_\_\_\_

Previously Approved Operating and Maintenance Plan API \_\_\_\_\_

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**Permanent Pits Permit Application Checklist:** Subsection B of 19.15.17.9 NMAC

Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Climatological Factors Assessment
- Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- Dike Protection and Structural Integrity Design: based upon the appropriate requirements of 19.15.17.11 NMAC
- Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- Quality Control/Quality Assurance Construction and Installation Plan
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Nuisance or Hazardous Odors, including H2S, Prevention Plan
- Emergency Response Plan
- Oil Field Waste Stream Characterization
- Monitoring and Inspection Plan
- Erosion Control Plan
- Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

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**Proposed Closure:** 19.15.17.13 NMAC

Instructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

Type:  Drilling  Workover  Emergency  Cavitation  P&A  Permanent Pit  Below-grade Tank  Closed-loop System  
 Alternative

Proposed Closure Method:  Waste Excavation and Removal  
 Waste Removal (Closed-loop systems only)  
 On-site Closure Method (only for temporary pits and closed-loop systems)  
 In-place Burial  On-site Trench  
 Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)

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**Waste Excavation and Removal Closure Plan Checklist:** (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

**Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:** (19.15.17.13.D NMAC)

*Instructions: Please identify the facility or facilities for the disposal of liquids, drilling fluids and drill cuttings. Use attachment if more than two facilities are required.*

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit #: \_\_\_\_\_

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit #: \_\_\_\_\_

Will any of the proposed closed-loop system operations and associated activities occur on or in areas that *will not* be used for future service and

Yes (If yes, please provide the information)  No

*Required for impacted areas which will not be used for future service and operations:*

- Soil Backfill and Cover Design Specification - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

**Siting Criteria (Regarding on-site closure methods only):** 19.15.17.10 NMAC

*Instructions: Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appropriate district office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of approval. Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for guidance.*

Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of the initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 500 feet of a wetland - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> No

**On-Site Closure Plan Checklist:** (19.15.17.13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of 19.15.17.11 NMAC
- Construction/Design Plan of Temporary Pit (for in place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- Waste Material Sampling Plan - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC

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**Operator Application Certification:**

I hereby certify that the information submitted with this application is true, accurate and complete to the best of my knowledge and belief.

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

e-mail address: \_\_\_\_\_ Telephone: \_\_\_\_\_

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**OCD Approval:**  Permit Application (including closure plan)  Closure Plan (only)  OCD Conditions (see attachment)

OCD Representative Signature: Jonathan D. Kelly Approval Date: 11/7/2013

Title: Compliance Officer OCD Permit Number: \_\_\_\_\_

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**Closure Report (required within 60 days of closure completion):** Subsection K of 19.15.17.13 NMAC

Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.

Closure Completion Date: July 23, 2013

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**Closure Method:**

Waste Excavation and Removal  On-site Closure Method  Alternative Closure Method  Waste Removal (Closed-loop systems only)

If different from approved plan, please explain.

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**Closure Report Regarding Waste Removal Closure For Closed-loop Systems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:**

Instructions: Please identify the facility or facilities for where the liquids, drilling fluids and drill cuttings were disposed. Use attachment if more than two facilities were utilized.

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Disposal Facility Name: \_\_\_\_\_ Disposal Facility Permit Number: \_\_\_\_\_

Were the closed-loop system operations and associated activities performed on or in areas that will not be used for future service and operations?

Yes (If yes, please demonstrate compliance to the items below)  No

Required for impacted areas which will not be used for future service and operations:

Site Reclamation (Photo Documentation)

Soil Backfilling and Cover Installation

Re-vegetation Application Rates and Seeding Technique

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**Closure Report Attachment Checklist:** Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.

Proof of Closure Notice (surface owner and division)

Proof of Deed Notice (required for on-site closure)

Plot Plan (for on-site closures and temporary pits)

Confirmation Sampling Analytical Results (if applicable)

Waste Material Sampling Analytical Results (if applicable)

Disposal Facility Name and Permit Number

Soil Backfilling and Cover Installation

Re-vegetation Application Rates and Seeding Technique

Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude: 36.829141 °N Longitude: 107.924412 °W NAD  1927  1983

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**Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Denise Journey Title: Regulatory Technician

Signature: Denise Journey Date: 10/31/2013

e-mail address: Denise.Journey@conocophillips.com Telephone: 505-326-9556

**Burlington Resources Oil Gas Company, LP**  
**San Juan Basin**  
**Closure Report**

**Lease Name: SULLIVAN 1N**  
**API No.: 30-045-35177**

In accordance with Rule 19.15.17.13 NMAC the following information describes the closure of the temporary pit referenced above. All proper documentation regarding closure activities is being included with the C-144. The temporary pit for this location was constructed and location drilled before June 16, 2008 (effective date for Rule 19.15.17). While closure of the temporary pit did fall within the rule some dates for submittals are after the rig release date.

- Details on Capping and Covering, where applicable. (See report)
- Plot Plan (Pit Diagram) (Included as an attachment)
- Inspection Reports (Included as an attachment)
- Sampling Results (Included as an attachment)
- C-105 (Included as an attachment)
- Copy of Deed Notice will be filed with County Clerk (Not required on Federal, State, or Tribal land as stated by FAQ dated October 30, 2008)

**General Plan:**

1. All free standing liquids will be removed at the start of the pit closure process from the pit and disposed of in a division-approved facility or recycle, reuse or reclaim the liquids in a manner that the appropriate division district office approves.

**All recovered liquids were disposed of at Basin Disposal (Permit #NM-01-005) and any sludge or soil required to be removed to facilitate closure was hauled to Envirotech Land Farm (Permit #NM-01-011) and JFJ Landfarm % IEI (Permit #NM-01-0010B).**

2. The preferred method of closure for all temporary pits will be on-site burial, assuming that all the criteria listed in sub-section (B) of 19.15.17.13 are met.

**The pit was closed using onsite burial.**

3. The surface owner shall be notified of BR's closing of the temporary pit as per the approved closure plan using certified mail, return receipt requested.

**The closure process notification to the landowner was sent via email. (See Attached)(Well located on Federal Land, certified mail is not required for Federal Land per BLM/OCD MOU.)**

4. Within 6 months of the Rig Off status occurring BR will ensure that temporary pits are closed, re-contoured, and reseeded.

**The closure plan requirements were met due to rig move off date as noted on C-105.**

5. Notice of Closure will be given to the Aztec Division office between 72 hours and one week of closure via email, or verbally. The notification of closure will include the following:
  - i. Operator's name
  - ii. Location by Unit Letter, Section, Township, and Range. Well name and API number.

**Notification is attached.**

6. Liner of temporary pit shall be removed above "mud level" after stabilization. Removal of liner will consist of manually or mechanically cutting liner at mud level and removing all remaining liner. Care will be taken to remove "All" of the liner i.e., edges of liner entrenched or buried. All excessive liner will be disposed of at a licensed disposal facility.

**Liner of temporary pit was removed above "mud level" after stabilization. Removal of the liner consisted of manually cutting liner at mud level and removing all remaining liner. Care was taken to remove "ALL" of the liner i.e., edges of liner entrenched or buried. All excessive liner was disposed of at a licensed disposal facility, (San Juan County Landfill).**

7. Pit contents shall be mixed with non-waste containing, earthen material in order to achieve the solidification process. The solidification process will be accomplished using a combination of natural drying and mechanically mixing. Pit contents will be mixed with non-waste, earthen material to a consistency that is deemed a safe and stable. The mixing ratio shall not exceed 3 parts clean soil to 1 part pit contents.

**Burlington mixed the Pit contents with non-waste containing, earthen material in order to achieve the solidification process. The solidification process was accomplished by using a combination of natural drying and mechanically mixing. Pit contents were mixed with non-waste, earthen material to a consistency that is deemed as safe and stable. The mixing ratio consisted of approximately 3 parts clean soil to 1 part pit contents.**

8. A five point composite sample will be taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). In the event that the criteria are not met, all contents will be handled per Subparagraph (a) of Paragraph (1) of Subsection B of 19.15.17.13 i.e., Dig and haul.

**A five point composite sample was taken of the pit using sampling tools and all samples tested per Subsection B of 19.15.17.13(B)(1)(b). (Sample results attached).**

Components	Tests Method	Limit (mg/Kg)	Results
Benzene	EPA SW-846 8021B or 8260B	0.2	ND ug/kg
BTEX	EPA SW-846 8021B or 8260B	50	.69 ug/kG
TPH	EPA SW-846 418.1	2500	24mg/kg
GRO/DRO	EPA SW-846 8015M	500	97.4 mg/Kg
Chlorides	EPA 300.1	1000/500	40 mg/L

9. Upon completion of solidification and testing standards being passed, the pit area will be backfilled with compacted, non-waste containing, earthen material. A minimum of four feet of cover shall be achieved and the cover shall include one foot of suitable material to establish vegetation at the site, or the background thickness of topsoil, whichever is greater. If standard testing fails BR will dig and haul all contents pursuant to 19.15.17.13.i.a. After doing such, confirmation sampling will be conducted to ensure a release has not occurred.

**The pit material passed solidification and testing standards. The pit area was then backfilled with compacted, non-waste containing, earthen material. More than four feet of cover was achieved and the cover included one foot of suitable material to establish vegetation at the site.**

10. During the stabilization process if the liner is ripped by equipment the Aztec OCD office will be notified within 48 hours and the liner will be repaired if possible. If the liner can not be repaired then all contents will be excavated and removed.

**The integrity of the liner was not damaged in the pit closure process.**

11. Dig and Haul Material will be transported to the Envirotech Land Farm located 16 miles south of Bloomfield on Angel Peak Road, CR 7175. Permit # NM010011

**Dig and Haul was not required.**

12. Re-contouring of location will match fit, shape, line, form and texture of the surrounding. Re-shaping will include drainage control, prevent ponding, and prevent erosion. Natural drainages will be unimpeded and water bars and/or silt traps will be placed in areas where needed to prevent erosion on a large scale. Final re-contour shall have a uniform appearance with smooth surface, fitting the natural landscape.

**The pit area was re-contoured to match fit, shape, line, form and texture of the surrounding area. Re-shaping included drainage control, to prevent ponding and erosion. Natural drainages were unimpeded and water bars and/or silt traps were placed in areas where needed to prevent erosion on a large scale. Final re-contour has a uniform appearance with smooth surface, fitting the natural landscape.**

13. Notification will be sent to OCD when the reclaimed area is seeded.

**Provision 13 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.**

14. BR shall seed the disturbed areas the first growing season after the operator closes the pit. Seeding will be accomplished via drilling on the contour whenever practical or by other division-approved methods. BLM or Forest Service stipulated seed mixes will be used on federal lands. Vegetative cover will equal 70% of the native perennial vegetative cover (un-impacted) consisting of at least three native plant species, including at least one grass, but not including noxious weeds, and maintain that cover through two successive growing seasons. Repeat seeding or planting will be continued until successful vegetative growth occurs.

**Provision 14 was accomplished through complying with BLM seeding requirements as allowed by the BLM/OCD MOU.**

15. The temporary pit will be located with a steel marker, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial upon the abandonment of all the wells on the pad. The marker will be flush with the ground to allow access of the active well pad and for safety concerns. The marker will include a threaded collar to be used for future abandonment. The top of the marker will contain a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the operator's information at the time of all wells on the pad are abandoned. The operator's information will include the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.

**Provision 15 was accomplished by installing a steel marker in the temporary pit, no less than four inches in diameter, cemented in a hole three feet deep in the center of the onsite burial. The marker is flush with the ground to allow access of the active well pad and for safety concerns. The top of the marker contains a welded steel 12" square plate that indicates the onsite burial of the temporary pit. The plate contains the following: Operator Name, Lease Name, Well Name and number, Unit Number, Section, Township, Range and an indicator that the marker is an onsite burial location.**

**The plate will be easily removable and a four foot tall riser will be threaded into the top of the collar marker and welded around the base with the following operator's information at the time of all wells on the pad are abandoned. The riser will be labeled: BR, BLM, SULLIVAN 1N, UL-G, Sec. 7, T 30N, R 10W, API # 30-045-35177**

**Jaramillo, Marie E**

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**From:** Jaramillo, Marie E  
**Sent:** Thursday, June 17, 2010 5:03 PM  
**To:** 'mark\_kelly@nm.blm.gov'  
**Subject:** SURFACE OWNER NOTIFICATION 06/18/10

*The subject well will have a temporary pit that will be closed on site. Please let me know if you have any questions. Thanks*

*SULLIVAN IN*

*Marie Jaramillo  
Staff Regulatory Tech.  
ConocoPhillips  
Office # (505) 326-9865  
Fax # (505) 599-4062  
<mailto:marie.e.jaramillo@conocophillips.com>*

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 7 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code		<sup>3</sup> Pool Name BLANCO MESAVERDE / BASIN DAKOTA			
<sup>4</sup> Property Code		<sup>5</sup> Property Name SULLIVAN				<sup>6</sup> Well Number 1N	
<sup>7</sup> OGRID No.		<sup>8</sup> Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP				<sup>9</sup> Elevation 6186	

<sup>10</sup> SURFACE LOCATION

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	7	30-N	10-W		1650	NORTH	2597	EAST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	7	30-N	10-W		710	NORTH	2065	EAST	SAN JUAN

<sup>12</sup> Dedicated Acres 319.67	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> <b>BOTTOM HOLE</b> BLM 1967 (TYP.) NAD 83 LAT: 36.831425° N LONG: 107.922558° W LOT 8 NAD 27 LAT: 36°49.885240' N LONG: 107°55.316200' W LOT 7	N 88°48'58" W 2639.3' (M) N 88°52' W 2638.7' (R) 710' 2664.6' (M) 2665.7' (R)	<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature Printed Name Title and E-mail Address Date
LOT 16 LOT 15 SECTION 7, T-30-N, R-10-W LOT 14 LOT 13	LOT 17 LOT 18 LOT 19 LOT 20	BASIS OF BEARING IS THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83 AS DETERMINED BY GPS OBSERVATION AND NGS/OPUS SOLUTION.

# BURLINGTON RESOURCES OIL & GAS COMPANY LP

SULLIVAN 1N

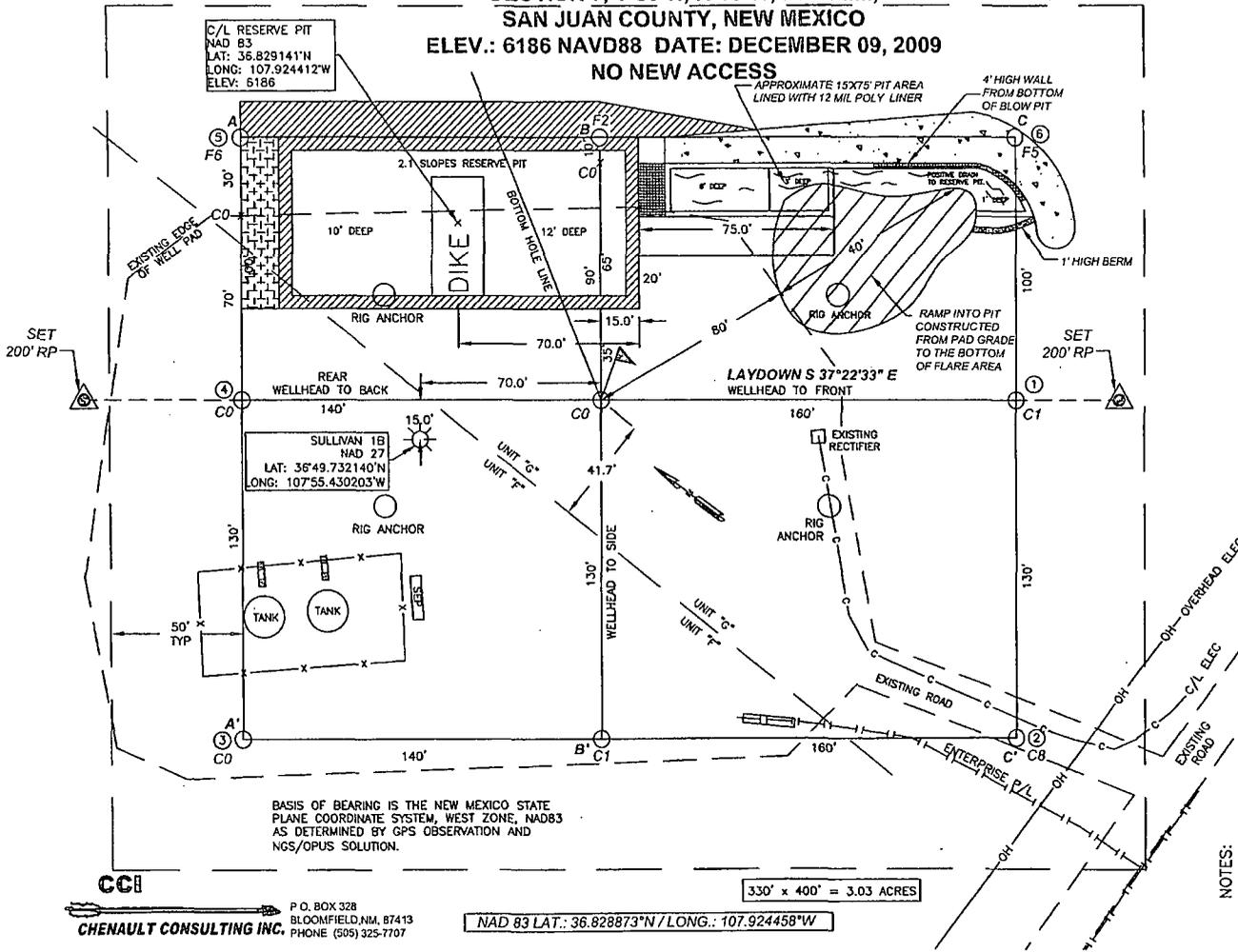
1650' FNL, 2597' FEL

SECTION 7, T-30-N, R-10-W, N.M.P.M.,

SAN JUAN COUNTY, NEW MEXICO

ELEV.: 6186 NAVD88 DATE: DECEMBER 09, 2009

NO NEW ACCESS



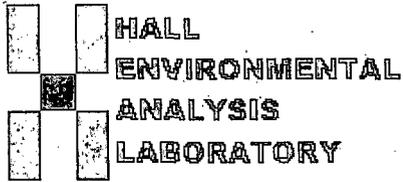
BASIS OF BEARING IS THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, WEST ZONE, NAD83 AS DETERMINED BY GPS OBSERVATION AND NGS/OPUS SOLUTION.

**CCI**  
**CHENAULT CONSULTING INC.**  
 P.O. BOX 328  
 BLOOMFIELD, NM, 87413  
 PHONE (505) 325-7707

330' x 400' = 3.03 ACRES  
 NAD 83 LAT.: 36.828873°N / LONG.: 107.924458°W

NOTES:

1. RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW-3' WIDE AND 1' ABOVE SHALLOW SIDE).
2. C.I.I. SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES. CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

May 02, 2013

Mike Smith

Conoco Phillips Farmington

3401 E 30th St

Farmington, NM 87402

TEL:

FAX

RE: Sullivan 1 N

OrderNo.: 1304A59

Dear Mike Smith:

Hall Environmental Analysis Laboratory received 2 sample(s) on 4/25/2013 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report

Lab Order 1304A59

Date Reported: 5/2/2013

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conoco Phillips Farmington

Client Sample ID: Background

Project: Sullivan 1 N

Collection Date: 4/24/2013 11:22:00 AM

Lab ID: 1304A59-001

Matrix: SOIL

Received Date: 4/25/2013 10:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>						Analyst: GSA
Diesel Range Organics (DRO)	11	10		mg/Kg	1	4/30/2013 3:09:22 PM
Surr: DNOP	76.9	63-147		%REC	1	4/30/2013 3:09:22 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/29/2013 1:14:59 PM
Surr: BFB	97.0	80-120		%REC	1	4/29/2013 1:14:59 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: NSB
Benzene	ND	0.047		mg/Kg	1	4/29/2013 1:14:59 PM
Toluene	ND	0.047		mg/Kg	1	4/29/2013 1:14:59 PM
Ethylbenzene	ND	0.047		mg/Kg	1	4/29/2013 1:14:59 PM
Xylenes, Total	ND	0.094		mg/Kg	1	4/29/2013 1:14:59 PM
Surr: 4-Bromofluorobenzene	107	80-120		%REC	1	4/29/2013 1:14:59 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JRR
Chloride	ND	7.5		mg/Kg	5	4/29/2013 12:18:04 PM
<b>EPA METHOD 418.1: TPH</b>						Analyst: LRW
Petroleum Hydrocarbons, TR	27	20		mg/Kg	1	5/1/2013

Qualifiers: \* Value exceeds Maximum Contaminant Level.  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH greater than 2  
RL Reporting Detection Limit

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
R RPD outside accepted recovery limits  
S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Conoco Phillips Farmington  
 Project: Sullivan 1 N  
 Lab ID: 1304A59-002

Client Sample ID: Reserve Pit  
 Collection Date: 4/24/2013 11:22:00 AM  
 Received Date: 4/25/2013 10:00:00 AM

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015D: DIESEL RANGE ORGANICS</b>						Analyst: GSA
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	4/30/2013 4:26:33 PM
Surr: DNOP	91.0	63-147		%REC	1	4/30/2013 4:26:33 PM
<b>EPA METHOD 8015D: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	6.4	4.6		mg/Kg	1	4/29/2013 2:41:10 PM
Surr: BFB	107	80-120		%REC	1	4/29/2013 2:41:10 PM
<b>EPA METHOD 8021B: VOLATILES</b>						Analyst: NSB
Benzene	ND	0.046		mg/Kg	1	4/29/2013 2:41:10 PM
Toluene	0.21	0.046		mg/Kg	1	4/29/2013 2:41:10 PM
Ethylbenzene	ND	0.046		mg/Kg	1	4/29/2013 2:41:10 PM
Xylenes, Total	0.48	0.093		mg/Kg	1	4/29/2013 2:41:10 PM
Surr: 4-Bromofluorobenzene	108	80-120		%REC	1	4/29/2013 2:41:10 PM
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: JRR
Chloride	40	7.5		mg/Kg	5	4/29/2013 12:42:53 PM
<b>EPA METHOD 418.1: TPH</b>						Analyst: LRW
Petroleum Hydrocarbons, TR	24	20		mg/Kg	1	5/1/2013

Qualifiers: \* Value exceeds Maximum Contaminant Level.  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 P Sample pH greater than 2  
 RL Reporting Detection Limit

B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 R RPD outside accepted recovery limits  
 S Spike Recovery outside accepted recovery limits

**QC SUMMARY REPORT**  
**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1304A59  
 02-May-13

**Client:** Conoco Phillips Farmington  
**Project:** Sullivan I N

Sample ID	MB-7192	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	7192	RunNo:	10201					
Prep Date:	4/29/2013	Analysis Date:	4/29/2013	SeqNo:	290961	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-7192	SampType:	LCS	TestCode:	EPA Method 300.0: Anions					
Client ID:	LCSS	Batch ID:	7192	RunNo:	10201					
Prep Date:	4/29/2013	Analysis Date:	4/29/2013	SeqNo:	290962	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	15	1.5	15.00	0	98.7	90	110			

Sample ID	1304A80-001BMS	SampType:	MS	TestCode:	EPA Method 300.0: Anions					
Client ID:	BatchQC	Batch ID:	7192	RunNo:	10201					
Prep Date:	4/29/2013	Analysis Date:	4/29/2013	SeqNo:	290964	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	30	15.00	12.40	91.3	64.4	117			

Sample ID	1304A80-001BMSD	SampType:	MSD	TestCode:	EPA Method 300.0: Anions					
Client ID:	BatchQC	Batch ID:	7192	RunNo:	10201					
Prep Date:	4/29/2013	Analysis Date:	4/29/2013	SeqNo:	290965	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	30	15.00	12.40	72.4	64.4	117	0	20	

Sample ID	1304982-002AMS	SampType:	MS	TestCode:	EPA Method 300.0: Anions					
Client ID:	BatchQC	Batch ID:	7192	RunNo:	10201					
Prep Date:	4/29/2013	Analysis Date:	4/29/2013	SeqNo:	290975	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	30	7.5	15.00	13.73	108	64.4	117			

Sample ID	1304982-002AMSD	SampType:	MSD	TestCode:	EPA Method 300.0: Anions					
Client ID:	BatchQC	Batch ID:	7192	RunNo:	10201					
Prep Date:	4/29/2013	Analysis Date:	4/29/2013	SeqNo:	290976	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	30	7.5	15.00	13.73	110	64.4	117	0.995	20	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304A59

02-May-13

**Client:** Conoco Phillips Farmington

**Project:** Sullivan 1 N

Sample ID	<b>MB-7210</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA Method 418.1: TPH</b>					
Client ID:	<b>PBS</b>	Batch ID:	<b>7210</b>	RunNo:	<b>10234</b>					
Prep Date:	<b>4/29/2013</b>	Analysis Date:	<b>5/1/2013</b>	SeqNo:	<b>291846</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	ND	20								

Sample ID	<b>LCS-7210</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA Method 418.1: TPH</b>					
Client ID:	<b>LCSS</b>	Batch ID:	<b>7210</b>	RunNo:	<b>10234</b>					
Prep Date:	<b>4/29/2013</b>	Analysis Date:	<b>5/1/2013</b>	SeqNo:	<b>291847</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	98	20	100.0	0	97.6	80	120			

Sample ID	<b>LCSD-7210</b>	SampType:	<b>LCSD</b>	TestCode:	<b>EPA Method 418.1: TPH</b>					
Client ID:	<b>LCSS02</b>	Batch ID:	<b>7210</b>	RunNo:	<b>10234</b>					
Prep Date:	<b>4/29/2013</b>	Analysis Date:	<b>5/1/2013</b>	SeqNo:	<b>291848</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Petroleum Hydrocarbons, TR	96	20	100.0	0	96.2	80	120	1.51	20	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304A59

02-May-13

**Client:** Conoco Phillips Farmington

**Project:** Sullivan 1 N

Sample ID	<b>MB-7181</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA Method 8015D: Diesel Range Organics</b>					
Client ID:	<b>PBS</b>	Batch ID:	<b>7181</b>	RunNo:	<b>10141</b>					
Prep Date:	<b>4/26/2013</b>	Analysis Date:	<b>4/26/2013</b>	SeqNo:	<b>289038</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	12		10.00		121	63	147			

Sample ID	<b>LCS-7181</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA Method 8015D: Diesel Range Organics</b>					
Client ID:	<b>LCSS</b>	Batch ID:	<b>7181</b>	RunNo:	<b>10141</b>					
Prep Date:	<b>4/26/2013</b>	Analysis Date:	<b>4/26/2013</b>	SeqNo:	<b>289039</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	50.00	0	113	47.4	122			
Surr: DNOP	6.2		5.000		124	63	147			

Sample ID	<b>MB-7211</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA Method 8015D: Diesel Range Organics</b>					
Client ID:	<b>PBS</b>	Batch ID:	<b>7211</b>	RunNo:	<b>10208</b>					
Prep Date:	<b>4/29/2013</b>	Analysis Date:	<b>4/30/2013</b>	SeqNo:	<b>291165</b>	Units:	<b>%REC</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.6		10.00		95.8	63	147			

Sample ID	<b>LCS-7211</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA Method 8015D: Diesel Range Organics</b>					
Client ID:	<b>LCSS</b>	Batch ID:	<b>7211</b>	RunNo:	<b>10208</b>					
Prep Date:	<b>4/29/2013</b>	Analysis Date:	<b>4/30/2013</b>	SeqNo:	<b>291166</b>	Units:	<b>%REC</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.8		5.000		96.1	63	147			

Sample ID	<b>1304A59-001AMS</b>	SampType:	<b>MS</b>	TestCode:	<b>EPA Method 8015D: Diesel Range Organics</b>					
Client ID:	<b>Background</b>	Batch ID:	<b>7181</b>	RunNo:	<b>10208</b>					
Prep Date:	<b>4/26/2013</b>	Analysis Date:	<b>4/30/2013</b>	SeqNo:	<b>291811</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	33	10	50.00	11.40	42.9	12.6	148			
Surr: DNOP	3.3		5.000		65.9	63	147			

Sample ID	<b>1304A59-001AMSD</b>	SampType:	<b>MSD</b>	TestCode:	<b>EPA Method 8015D: Diesel Range Organics</b>					
Client ID:	<b>Background</b>	Batch ID:	<b>7181</b>	RunNo:	<b>10208</b>					
Prep Date:	<b>4/26/2013</b>	Analysis Date:	<b>4/30/2013</b>	SeqNo:	<b>291812</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	33	10	50.00	11.40	42.9	12.6	148	0.0122	22.5	
Surr: DNOP	3.3		5.000		65.3	63	147	0	0	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304A59

02-May-13

**Client:** Conoco Phillips Farmington

**Project:** Sullivan I N

Sample ID	MB-7188	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	7188	RunNo:	10180					
Prep Date:	4/26/2013	Analysis Date:	4/29/2013	SeqNo:	290224	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	920		1000		92.5	80	120			

Sample ID	LCS-7188	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	7188	RunNo:	10180					
Prep Date:	4/26/2013	Analysis Date:	4/29/2013	SeqNo:	290225	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	62.6	136			
Surr: BFB	1000		1000		100	80	120			

Sample ID	1304A59-002AMS	SampType:	MS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	Reserve Pit	Batch ID:	7188	RunNo:	10180					
Prep Date:	4/26/2013	Analysis Date:	4/29/2013	SeqNo:	290252	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Gasoline Range Organics (GRO)	26	4.7	23.41	6.395	84.8	70	130			
Surr: BFB	1100		936.3		115	80	120			

Sample ID	1304A59-002AMSD	SampType:	MSD	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	Reserve Pit	Batch ID:	7188	RunNo:	10180					
Prep Date:	4/26/2013	Analysis Date:	4/29/2013	SeqNo:	290253	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Gasoline Range Organics (GRO)	29	4.7	23.47	6.395	97.7	70	130	11.1	22.1	
Surr: BFB	1100		939.0		122	80	120	0	0	S

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

# QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1304A59

02-May-13

**Client:** Conoco Phillips Farmington

**Project:** Sullivan 1 N

Sample ID	<b>MB-7188</b>	SampType:	<b>MBLK</b>	TestCode:	<b>EPA Method 8021B: Volatiles</b>					
Client ID:	<b>PBS</b>	Batch ID:	<b>7188</b>	RunNo:	<b>10180</b>					
Prep Date:	<b>4/26/2013</b>	Analysis Date:	<b>4/29/2013</b>	SeqNo:	<b>290299</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.050								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		104	80	120			

Sample ID	<b>LCS-7188</b>	SampType:	<b>LCS</b>	TestCode:	<b>EPA Method 8021B: Volatiles</b>					
Client ID:	<b>LCSS</b>	Batch ID:	<b>7188</b>	RunNo:	<b>10180</b>					
Prep Date:	<b>4/26/2013</b>	Analysis Date:	<b>4/29/2013</b>	SeqNo:	<b>290301</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.050	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	99.8	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.4	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		110	80	120			

Sample ID	<b>1304A59-001AMS</b>	SampType:	<b>MS</b>	TestCode:	<b>EPA Method 8021B: Volatiles</b>					
Client ID:	<b>Background</b>	Batch ID:	<b>7188</b>	RunNo:	<b>10180</b>					
Prep Date:	<b>4/26/2013</b>	Analysis Date:	<b>4/29/2013</b>	SeqNo:	<b>290303</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.047	0.9346	0	98.6	67.2	113			
Toluene	0.94	0.047	0.9346	0.004040	100	62.1	116			
Ethylbenzene	0.95	0.047	0.9346	0	102	67.9	127			
Xylenes, Total	2.9	0.093	2.804	0	102	60.6	134			
Surr: 4-Bromofluorobenzene	1.5		0.9346		159	80	120			S

Sample ID	<b>1304A59-001AMSD</b>	SampType:	<b>MSD</b>	TestCode:	<b>EPA Method 8021B: Volatiles</b>					
Client ID:	<b>Background</b>	Batch ID:	<b>7188</b>	RunNo:	<b>10180</b>					
Prep Date:	<b>4/26/2013</b>	Analysis Date:	<b>4/29/2013</b>	SeqNo:	<b>290304</b>	Units:	<b>mg/Kg</b>			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.047	0.9346	0	96.5	67.2	113	2.16	14.3	
Toluene	0.92	0.047	0.9346	0.004040	98.1	62.1	116	2.17	15.9	
Ethylbenzene	0.93	0.047	0.9346	0	99.0	67.9	127	2.87	14.4	
Xylenes, Total	2.8	0.093	2.804	0	98.5	60.6	134	3.38	12.6	
Surr: 4-Bromofluorobenzene	1.0		0.9346		112	80	120	0	0	

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits



Hall Environmental Analysis Laboratory  
 4901 Hawkins NE  
 Albuquerque, NM 87106  
 TEL: 505-345-3975 FAX: 505-345-4107  
 Website: www.hallenvironmental.com

# Sample Log-In Check List

Client Name: Conoco Phillips Farmingt

Work Order Number: 1304A59

RcptNo: 1

Received by/date: AG 04/25/13

Logged By: **Lindsay Mangin** 4/25/2013 10:00:00 AM *Lindsay Mangin*

Completed By: **Lindsay Mangin** 4/25/2013 3:12:57 PM *Lindsay Mangin*

Reviewed By: IO 04/26/2013

### Chain of Custody

1. Custody seals intact on sample bottles? Yes  No  Not Present
2. Is Chain of Custody complete? Yes  No  Not Present
3. How was the sample delivered? Courier

### Log In

4. Was an attempt made to cool the samples? Yes  No  NA
5. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA
6. Sample(s) in proper container(s)? Yes  No
7. Sufficient sample volume for indicated test(s)? Yes  No
8. Are samples (except VOA and ONG) properly preserved? Yes  No
9. Was preservative added to bottles? Yes  No  NA
10. VOA vials have zero headspace? Yes  No  No VOA Vials
11. Were any sample containers received broken? Yes  No
12. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes  No
13. Are matrices correctly identified on Chain of Custody? Yes  No
14. Is it clear what analyses were requested? Yes  No
15. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes  No

# of preserved bottles checked for pH: \_\_\_\_\_  
 (<2 or >12 unless noted)  
 Adjusted? \_\_\_\_\_  
 Checked by: \_\_\_\_\_

### Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	_____		
Client Instructions:	_____		

17. Additional remarks:

### 18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.3	Good	Yes			

# Chain-of-Custody Record

Client: Conoco Phillips

Mailing Address: 30th St. Farmington, NM

Phone #: 947-0149, 320-3429, 320-2492

email or Fax#: Harry.P.Dee@ConocoPhillips.com

QA/QC Package: Mike W. Smith@ConocoPhillips.com

Standard  Level 4 (Full Validation)

Accreditation  
 NELAP  Other \_\_\_\_\_

EDD (Type) \_\_\_\_\_

Turn-Around Time:  
 Standard  Rush

Project Name: Sullivan 1N

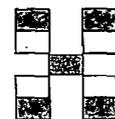
Project #:

Project Manager:  
Mike Smith  
Harry Dee

Sampler: Stan Mobley

On Ice:  Yes  No

Sample Temperature: 73



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

### Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Chlorides	Air Bubbles (Y or N)
4-24-13	11:22	Soil	Background	1-4oz	Cool	130/1459	✓		✓	✓								✓	
4-24-13	11:22	Soil	Reserve Pit	1-4oz	Cool		✓		✓	✓								✓	

Date: 4-24-13 Time: 17:40 Relinquished by: [Signature]  
 Received by: Christa White Date: 4/24/13 Time: 17:10

Date: 4/24/13 Time: 17:48 Relinquished by: Chr Wcelles  
 Received by: [Signature] Date: 04/25/13 Time: 1000

Remarks: PO KGARCIA  
D-260  
16345985

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Submit To Appropriate District Office  
Two Copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-105  
July 17, 2008

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

1. WELL API NO.  
**30-045-35177**  
2. Type of Lease  
 STATE  FEE  FED/INDIAN  
3. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing:  
 **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)  
 **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name  
**SULLIVAN**  
6. Well Number:  
**1N**

7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER

8. Name of Operator  
**Burlington Resources Oil Gas Company, LP**  
9. OGRID  
**14538**

10. Address of Operator  
PO Box 4298, Farmington, NM 87499  
11. Pool name or Wildcat

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:										
BH:										

13. Date Spudded  
14. Date T.D. Reached  
15. Date Rig Released  
**5/25/13**  
16. Date Completed (Ready to Produce)  
17. Elevations (DF and RKB, RT, GR, etc.)

18. Total Measured Depth of Well  
19. Plug Back Measured Depth  
20. Was Directional Survey Made?  
21. Type Electric and Other Logs Run

22. Producing Interval(s), of this completion - Top, Bottom, Name

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED

**PRODUCTION**

28. Date First Production  
Production Method (*Flowing, gas lift, pumping - Size and type pump*)  
Well Status (*Prod. or Shut-in*)

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - ( <i>Corr.</i> )	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)  
30. Test Witnessed By

31. List Attachments

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude **36.828873** °N Longitude **107.924458** °W NAD  1927  1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Denise Journey* Printed Name **Denise Journey** Title: **Regulatory Technician** Date: **10/31/13**

E-mail Address **Denise.Journey@conocophillips.com**



**Pit Closure Form:**

Date: 7/23/13

Well Name: SULLIVAN #1N

Footages: 1750' FNL & 2597' FEL Unit Letter: G

Section: 7, T- 30 -N, R- 10 -W, County: SAN JUAN State: NM

Contractor Closing Pit: JD RITTER

Pit Closure Start Date: 7/22/13

Pit Closure Complete Date: 7/23/13

Construction Inspector: JARED CHAVEZ Date: 7/23/13

Inspector Signature: [Signature]

Revised 11/4/10

Office Use Only:  
Subtask \_\_\_\_\_  
DSM \_\_\_\_\_  
Folder \_\_\_\_\_

## Journey, Denise D

---

**From:** Payne, Wendy F  
**Sent:** Wednesday, July 17, 2013 8:13 AM  
**To:** (Brandon.Powell@state.nm.us); GRP:SJBU Regulatory; Horton Dwayne (ddhorton41@hotmail.com); Jonathan Kelly; Scott Smith; Tafoya, John D; (lpuepke@cimarronsvc.com); Eli (Cimarron) (eliv@cimarronsvc.com); James (Cimarron) (jwood@cimarronsvc.com); Craig Willems; Mark Kelly; Mike Flaniken; Randy McKee; Robert Switzer; Roger Herrera; Sherrie Landon; Crawford, Dale T; Dee, Harry P; Eric Smith (sconsulting.eric@gmail.com); Faver Norman; Gardenhire, James E; Jared Chavez; Lowe, Terry; Marquez, Michael P; Payne, Wendy F; Peter, Dan J; Smith, Mike W; Steve McGlasson; Tally, Ethel; Becker, Joey W; Birchfield, Jack D; Bowker, Terry D; Brant Fourr; Frost, Ryan M; Goosey, Paul P; Gordon Chenault; Green, Cary Green J; GRP:SJBU Production Leads; Hockett, Christy R; Kennedy, Jim R; Leboeuf, Davin J; Lopez, Richard A; Nelson, Garry D; O'Nan, Mike J.; Peace, James T; Poulson, Mark E; Proctor, Freddy E; Roberts, Vance L; Schaaphok, Bill; Smith, Randall O; Spearman, Bobby E; Stamets, Steve A; Andrews Travis (tandrews@flintenergy.com); Barton, Austin; Blakley, Mac; Clugston, Danny K; Coats, Nathan W; Farrell, Juanita R; Hatley, Keri; Jones, Lisa; Rhoads, Travis P; Saiz, Kooper K; Seabolt, Elmo F; Thompson, Trey  
**Cc:** 'jdritt@aol.com'  
**Subject:** Reclamation Notice: Sullivan 1N (Area 3 \* Run 305 )  
**Importance:** High

JD Ritter Construction will move a tractor to the **Sullivan 1N** to close the pit and start the reclamation process on **Monday, July 22, 2013**. Please contact Jared Chavez (793-7912) if you have questions and need further assistance.



Sullivan 1N.pdf

Burlington Resources Well - Network # 10345985 – Activity Code D250 (reclamation) & Activity Code D260 (pit closure) -  
PO:KGarcia  
San Juan County, NM

### **Sullivan 1N - BLM surface/BLM minerals**

Onsite: Roger Herrera 3-25-10  
Twin: Sullivan 1B (existing)  
1650' FNL & 2597' FEL  
Sec.7, T30N, R10W  
Unit Letter " G "  
Lease # NM-03195-A  
BH: NWNE, Sec.7, T30N, R10W  
Latitude: 36° 49' 44" N (NAD 83)  
Longitude: 107° 55' 28" W (NAD 83)  
Elevation: 6186'  
Total Acres Disturbed: 3.03 acres  
Access Road: n/a  
API # 30-045-35177  
Within City Limits: No  
Pit Lined: **YES**



# ConocoPhillips

## Reclamation Form:

Date: 8/30/13

Well Name: SULLIVAN 1N (Interim)

Footages: 1650' FNL + 2597' FEL Unit Letter: G

Section: 7, T-30-N, R-10-W, County: SAN JUAN State: NM

Reclamation Contractor: JD RITTER

Reclamation Start Date: 7/22/13

Reclamation Complete Date: 7/29/13

Road Completion Date: 7/29/13

Seeding Date: 8/27/13 NELSON REVEG

**\*\*PIT MARKER STATUS (When Required):** Picture of Marker set needed

MARKER PLACED : 8/2/13 (DATE)

LATITUDE: N36.828873

LONGITUDE: W107.924458

Pit Manifold removed 7/22/13 (DATE)

Construction Inspector: JARED CHAVEZ Date: 8/30/13

Inspector Signature: [Signature]

Office Use Only: Subtask  DSM  Folder  Pictures

Revised 6/14/2012

Need  
pit mkr  
picture

EMERGENCY NUMBER (505) 324-5170

BURLINGTON RESOURCES OIL & GAS CO.

ConocoPhillips

SULLIVAN #1B

FORMATION MV/DK

LATITUDE N 36° 49.6  
LONGITUDE W 107° 55.5

1605' FNL 2560' FWL

SEC. 07 T030N R010W

LEASE NO. NMNM-03195-A ELEV. 6182

API NO. 30-045-30566

SAN JUAN COUNTY, NEW MEXICO

**BURLINGTON  
RESOURCES**

**SULLIVAN #1N**

**1650' FNL 2597' FEL**

**UNIT G SEC 7 T30N R10W**

**BH: NWNW SEC 7 T30N R10W**

**API #30-045-35177 ELEV. 6186'**

**LEASE# NM-03195-A**

**LATITUDE 36° 49 MIN. 44 SEC. N (NAD 83)**

**LONGITUDE 107° 55 MIN. 28 SEC. W (NAD 83)**

**SAN JUAN COUNTY, NEW MEXICO**

**EMERGENCY CONTACT: 1-505-324-5170**







WELL NAME:  
Sullivan 1N

# OPEN PIT INSPECTION FORM



INSPECTOR		S.Mobley	Mobley	Mobley	Merrell	MERRELL	Merrell	Merrell	Chavez	Merrell
DATE		04/17/13	04/24/13	04/30/13	05/07/13	05/14/13	05/21/13	05/28/13	06/04/13	06/10/13
*Please request for pit extension after 26 weeks		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
PIT STATUS		<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up
LOCATIONS	Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Is the temporary well sign on location and visible from access road?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
ENVIRONMENTAL COMPLIANCE	Is the access road in good driving condition? (deep ruts, bladed)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Are the culverts free from debris or any object preventing flow?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Is the top of the location bladed and in good operating condition?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Does the pit contain two feet of free board? (check the water levels)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Is there any standing water on the blow pit?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	Are the pits free of trash and oil?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Are there diversion ditches around the pits for natural drainage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Is there a Manifold on location?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Is the Manifold free of leaks? Are the hoses in good condition?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
OCD	Was the OCD contacted?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
	PICTURE TAKEN	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
COMMENTS			Sampled pit	MR set and location good	Good condition.	Frac crew on location.	Drake 24 on location.	Drake 24 on location.	Good.	Facilities are being set.

WELL NAME: Sullivan 1N											
INSPECTOR		Merrell	McGlasson	Merrell	Merrell	Merrell	Merrell				
DATE		06/17/13	06/24/13	07/03/13	07/10/13	07/16/13	07/23/13				
*Please request for pit extension after 26 weeks		Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	
PIT STATUS		<input checked="" type="checkbox"/> Drilled <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input checked="" type="checkbox"/> Drilled <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up	<input type="checkbox"/> Drilled <input type="checkbox"/> Completed <input type="checkbox"/> Clean-Up
LOCATION	Is the location marked with the proper flagging? (Const. Zone, poles, pipelines, etc.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	Is the temporary well sign on location and visible from access road?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
ENVIRONMENTAL COMPLIANCE	Is the access road in good driving condition? (deep ruts, bladed)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	Are the culverts free from debris or any object preventing flow?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	Is the top of the location bladed and in good operating condition?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	Is the fence stock-proof? (fences tight, barbed wire, fence clips in place?)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	Is the pit liner in good operating condition? (no tears, up-rooting corners, etc.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	Is the the location free from trash, oil stains and other materials? (cables, pipe threads, etc.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	Does the pit contain two feet of free board? (check the water levels)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	Is there any standing water on the blow pit?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	Are the pits free of trash and oil?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	Are there diversion ditches around the pits for natural drainage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	Is there a Manifold on location?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
Is the Manifold free of leaks? Are the hoses in good condition?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
OCD	Was the OCD contacted?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	PICTURE TAKEN	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No					
	COMMENTS	Facilities set. Location good.	Good	Location good.	Good.	Good.	Pit closed.				